

GEOTEK CORING Inc

3738 West 2340 South, Suite C
West Valley City, Utah 84120

1-385-528-2536

info@geotekcoring.com

www.geotekcoring.com



[FINAL]CORING RUN REPORT GENESIS OF METHANE IN THE GULF OF MEXICO (GoM^2)

DATE:	May 14, 2017	CORE:	7CS	
TOOL ASSEMBLY TEAM:	Mimitz, Curry, Selman, Bakken			
BOTTOM CORE DEPTH (BELOW RIG FLOOR):	8,112 ft	BOTTOM HOLE PRESSURE:	3,597 psi	
PRESSURE SECTION ASSEMBLY NUMBER:	2	AUTOCLAVE ASSEMBLY NUMBER:	2	
UPPER ASSEMBLY NUMBER:	B	CATCHER KIT:	Basket/Rabbit 5" Extension 5" Extension	
DST SERIAL NUMBERS:	LINER LENGTH ADJUSTER:	8417	RABBIT:	8273
NOTES:				

TOOL ASSEMBLY

BUILD CHECKLIST		AUTOCLAVE PRESSURE TEST	
PAWL POST HEIGHT (0.095-0.105")	COMPLETE	To test, pressurize assembled autoclave to 3000 psi (+/- 100 psi). Record this <i>INITIAL</i> pressure below. Wait five minutes to allow for acclimitization. During this time inspect for gross leakage of water or significant pressure drop. If leaks or pressure loss are observed, rectify and retest. At five	
SAMPLE VALVE CLOSED AND PORT PLUGGED	COMPLETE		
LINER/IT PLUG LENGTH (156.75")	COMPLETE		
SHUTOFF VALVE OPEN	COMPLETE		
SUPPLY VALVE OPEN	COMPLETE		
SET PRESSURE (CONFIRM WITH 3 TESTS):	4,020 psi	DATE:	May 14, 2017
RESERVOIR PRESSURE:	8,096 psi	START TIME:	04:42
FILL VALVE CLOSED/PORT PLUGGED	COMPLETE	INITIAL:	3,094 psi
SET VALVE CLOSED/PORT PLUGGED	COMPLETE	START:	3,090 psi
DRAIN VALVE CLOSED/PORT PLUGGED	COMPLETE	END:	3,081 psi
TRANSDUCER BOX SHUNT SET	COMPLETE	TEST 2 (IF REQUIRED)	
TRANSDUCER BOX SHUNT VALUE	7043	DATE:	
		START TIME:	
		INITIAL:	
		START:	
		END:	
TOOL READY FOR RIG FLOOR	DATE:	May 14, 2017	TOOL SENT TO RIG FLOOR
	TIME:	05:03	DATE:
			May 14, 2017
			TIME:
			05:10
NOTES:			

CORING RUN

DATE:	May 14, 2017	TOOL DEPLOYMENT TIME:	05:48			
START DEPTH:	8122	END DEPTH:	8,132 ft			
CORING START TIME:		07:30	ANTICIPATED RECOVERY:			
			10.00 ft			
CORING END TIME:		08:13				
FLOW RATES	RUNNING IN:	10 spm	DRILL PARAMETERS		WIRELINE PULLOUT	
	CORING:	20 spm	W.O.B.:	5 tons	R.P.M.	60
	PULLING:	0 spm	R.O.P.:	13.9 ft/hr	WEIGHT (MAX):	Unknown
	P.O.O.H.:	10 spm	COLD SHUCK:	TIME IN: N/A	SPEED:	Unknown
TIME PULLED ABOVE MUDLINE:	Unknown	TIME ON DECK:	09:05	TIME OUT:	N/A	
TOTAL TIME IN HOLE:	3:17:00	TOTAL TIME CORING:	0:43:00			
NOTES: Failed run ball valve seal in ball, not able to seal. Drilled with 10.5 lb/gal mud						

CORE TRANSFER & RECOVERY

RECEIVED FROM RIG FLOOR	DATE:	May 14, 2017	TRANSDUCER PRESSURE:	0 psi	
	TIME:	09:35			
SHUTOFF VALVE CLOSED	COMPLETE	PRESSURE DRAINED; DRAIN VALVE AND PORT CLOSED	COMPLETE		
PLACED IN ICE BATH	DATE:	N/A	TRANSFERRED TO PCATS	DATE:	N/A
	TIME:	N/A		TIME:	N/A
SUCCESSFUL PRESSURIZED TRANSFER?	NO	TOTAL CORE RECOVERY:	1.6 ft		
		RECOVERY PERCENTAGE:	15.70%		
NOTES:					

POST-CORING TOOL ANALYSIS & REBUILD

OBSERVATIONS	NOTES	PRESSURE SECTION	
BALL VALVE	CLOSED	RESERVOIR PRESSURE:	0 psi
LINER	INTACT	WATER ABOVE PISTON?	NO
PAWLS	INTACT	WATER IN REGULATOR?	NO
PAWL SPRING	INTACT	REBUILD REGULATOR?	YES
NOTES:			